



Patent  
Attorney Docket No. 1034456-000046 IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Markus Lonn

Application No.: 10/587,142

Filing Date: July 24, 2006

Title: CONTROL DEVICE OPTIMIZING  
COMPUTING INPUT SAMPLE OF  
DATA WITH DISCRETE FOURIER  
TRANSFORM ALGORITHM

) MAIL STOP AMENDMENT

) Group Art Unit: 2193

) Examiner:

) Confirmation No.: 4986

**THIRD  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

Enclosed is a THIRD Information Disclosure Statement (IDS) and accompanying form PTO-1449 for the above-identified patent application.

- No additional fee for submission of an IDS is required.
- The fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- A statement under 37 C.F.R. § 1.97(e), and the fee of \$ 180 as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- Charge \_\_\_\_\_ to credit card for the fee due. Form PTO-2038 is attached.
- The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date

May 31, 2007

By:

  
Patrick C. Keane  
Registration No. 32858

P.O. Box 1404  
Alexandria, VA 22313-1404  
703 836 6620

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of ) **MAIL STOP AMENDMENT**  
Markus Lonn ) Group Art Unit: 2193  
Application No.: 10/587,142 ) Examiner:  
Filed: July 24, 2006 ) Confirmation No.: 4986  
For: CONTROL DEVICE OPTIMIZING )  
COMPUTING INPUT SAMPLE OF )  
DATA WITH DISCRETE FOURIER )  
TRANSFORM ALGORITHM )



**THIRD INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, applicants hereby cite a U. S. patent document identified in a Communication pursuant to Article 96(2) EPC dated April 30, 2007 in the corresponding European Patent Application No. 05 708 130.9 in conformance with the provisions of 37 C.F.R. §§1.97 and 1.98. A copy of the Communication (in English) is attached hereto.

Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed. However, a copy of the listed U. S. patent is not enclosed since it is no longer required. Further, two of the documents identified in the Communication were previously cited in the Information Disclosure Statement filed in the present application on July 24, 2006

The documents are being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since these documents are being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

THIRD Information Disclosure Statement  
Application No. 10/587,142  
Attorney Docket No. 1034456-000046  
Page 2

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL & ROONEY PC

Date: May 31, 2007

By:   
Patrick C. Keane  
for Registration No. 32858

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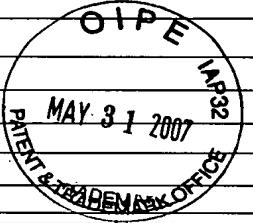
**THIRD  
INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/587,142
Filing Date	July 24, 2006
First Named Inventor	Markus Lonn
Examiner Name	
Attorney Docket No.	1034456-000046

P A T E N T 3 1 M A Y 2 0 0 7 I P E F I C E



## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

## **NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	Communication Pursuant to Article 96(2) EPC in English, issued April 30, 2007 in corresponding European Patent Application No. 05 708 130.9, EPO, Munich, DE (cover sheet and pages 1-5)

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.